

ABSTRACT OF THE DISCLOSURE

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The present invention relates to a method for customizing a security unit comprising secure downloading of an application key from a first security unit to a set of several second security units, wherein said first unit and said second units each comprise at least one memory. This invention is characterized in that said method comprises the steps of, on each downloading operation, computing an operation key in the first unit and second units based on a first transport key which is the same for each second unit in said set. The operation key is used for encrypting the application key in the first unit. The key is then sent to the second unit, and decrypted and verified in said unit. The operation key is not stored within the memory of the security units. The invention can be applied in particular to the banking field.

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Fig. 5